

(19)



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(11)

EP 0 901 276 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.03.2001 Bulletin 2001/12

(51) Int Cl. 7: H04N 1/32, H04N 7/66,
G06T 1/00, H03M 13/00

(43) Date of publication A2:
10.03.1999 Bulletin 1999/10

(21) Application number: 98306973.3

(22) Date of filing: 01.09.1998

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: 02.09.1997 JP 23670997
14.10.1997 JP 28020197

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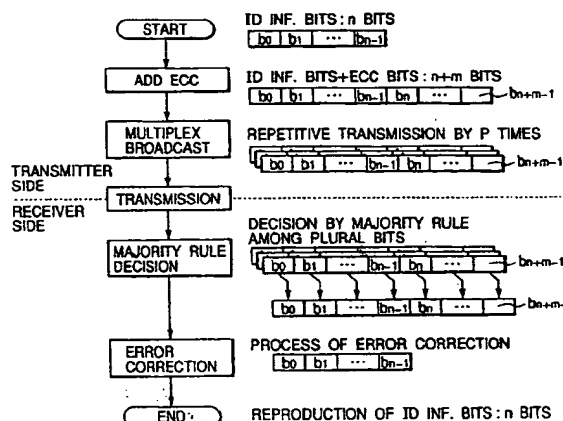
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(54) Data transmission method for embedded data, data transmitting and reproducing apparatuses and information recording medium therefor

(57) In a data transmission method for information data containing additional information data therewith, comprising, at a transmitter side, following steps:

adding error correction codes for correcting error to said additional information data;
embedding said additional information data added with said error correction codes into the information data by plural times, repetitively; and
transmitting the information data embedded with the repetitive additional information data therein, and comprising, at a receiver side, following steps:
receiving the transmitted information data embedded with the repetitive additional information data therein;
detecting the repetitive additional information data embedded from said transmitted information data received;
determining said additional information data on a basis of a majority rule when receiving said information data; and
correcting error with using the error correction codes received and determined when said additional information data contains error(s) therein.

FIG. 1



EP 0 901 276 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 6973

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Place of search BERLIN		Date of completion of the search 22 January 2001	Examiner Gries, T
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.92 (P04001)

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